

REMARKS

Claims 53-68 are all the claims pending in the application.

I. Objections to the Specification

The Examiner has objected to the abstract and title of the invention for the reasons set forth on page 2 of the Office Action. By this amendment, Applicants note that the abstract and title have amended in a manner to overcome this objection. Applicants note that additional editorial changes have also been made to the specification for grammatical and general readability purposes. No new matter has been added.

In view of the foregoing, Applicants respectfully request that the Examiner reconsider and withdraw the objection to the specification.

II. Claim Rejections under 35 U.S.C. § 112, second paragraph

Claims 55, 56, 59, 60, 63, 64, 67 and 68 have been rejected under 35 U.S.C. § 112, second paragraph as being indefinite. In particular, the Examiner has indicated that the phrase “the frequency” does not have proper antecedent basis.

By this amendment, Applicants note that the phrase “the frequency” has been changed to --a frequency--, thereby overcoming the above-noted rejection. Accordingly, Applicants respectfully request that the rejection be reconsidered and withdrawn.

III. Claim Rejections under 35 U.S.C. § 103(a)

Claims 53, 54, 57, 58, 61, 62, 65 and 66 have been rejected under 35 U.S.C. § 103(a) as

being unpatentable over Birdwell et al. (US 6,032,197) in view of Arai (US 6,330,695).

Claim 53, as amended, recites the feature of receiving a request from the receiving end according to a restoration error of restoring compressed data included in the compressed packets at the receiving end. Applicants respectfully submit that the combination of Birdwell and Arai does not teach or suggest at least the above-noted feature recited in claim 53.

With respect to Birdwell, Applicants note that this reference discloses a broadcast transmission system in which a server 22 compresses certain data packets by compressing their packet headers, wherein the server 22 transmits both full-length data packet headers (which contain uncompressed headers) and reduced-length data packets (which contain compressed headers derived from the uncompressed headers) to clients 26 (see col. 4, lines 18-25). In this regard, as explained in Birdwell, the client stores the uncompressed headers of the full-length data packets in a header table, and then rebuilds the compressed headers from the uncompressed headers in the table to decompress the reduced-length data packets (see col. 4, lines 28-32).

Based on the foregoing description, Applicants note that while Birdwell discloses the use of a server that transmits reduced-length data packets to a client that is able to decompress the reduced-length data packets by utilizing uncompressed headers stored in a header table, that Birdwell does not disclose or in any way suggest the above-noted feature of receiving a request from a receiving end according to a restoration error of restoring compressed data included in compressed packets at the receiving end, as recited in amended claim 53.

In addition, with respect to Arai, Applicants note that this reference discloses a radio transmitter 100 having a compressor 107 that is able to present a plurality of compression coding

schemes so that an optimum scheme can be selected for each recording/reproduction operation, wire-communication operation, and radio communication operation (see col. 11, lines 34-38). In this regard, as explained in Arai, by presenting a plurality of compression coding schemes, it is possible to perform the optimum error-correction coding process that best suits each of the different compression coding schemes (see col. 11, lines 38-41).

Based on the foregoing description, Applicants note that while Arai discloses the ability to select an optimum compression coding scheme from a plurality of different compression coding schemes, that Arai does not disclose or in any way suggest the above-noted feature of receiving a request from a receiving end according to a restoration error of restoring compressed data included in compressed packets at the receiving end, as recited in amended claim 53.

In view of the foregoing, Applicants respectfully submit that Birdwell and Arai, either alone or in combination, do not teach, suggest or otherwise render obvious at least the above-noted feature recited in amended claim 53. Accordingly, Applicants submit that claim 53 is patentable over the cited prior art, an indication of which is kindly requested.

Regarding claims 57, 61 and 65, Applicants note that claim 57 has been amended to recite the feature of sending a request to the transmitting end according to a restoration error of restoring the compressed data included in the compressed packets, that claim 61 has been amended to recite the feature of a reception unit operable to receive a request from the receiving end according to a restoration error of restoring compressed data included in the compressed packets at the receiving, and that claim 65 has been amended to recite the feature of a sending unit operable to send a request to the transmitting end according to a restoration error of restoring

the compressed data included in the compressed packets.

For at least similar reasons as discussed above with respect to claim 53, Applicants respectfully submit that the combination of Birdwell and Arai does not teach, suggest or otherwise render obvious at least the above-noted features recited in claims 57, 61 and 65. Accordingly, Applicants submit that claims 57, 61 and 65 are patentable over the cited prior art, an indication of which is kindly requested.

Regarding claims 54, 58, 62 and 66, Applicants note that claim 54 depends from claim 53; claim 58 depends from claim 57; claim 62 depends from claim 61; and claim 66 depends from claim 65. Accordingly, Applicants submit that claims 54, 58, 62 and 66 are patentable at least by virtue of their dependency.

IV. Allowable Subject Matter

Applicants thank the Examiner for indicating that claims 55, 56, 59, 60, 63, 64, 67 and 68 contain allowable subject matter.

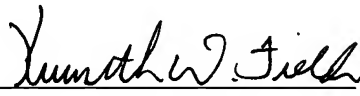
V. Conclusion

In view of the above, reconsideration and allowance of this application are now believed to be in order, and such actions are hereby solicited.

If any points remain in issue which the Examiner feels may best be resolved through a personal or telephone interview, the Examiner is kindly requested to contact the undersigned at the telephone number listed below.

Respectfully submitted,

Akihiro MIYAZAKI et al.

By: 
Kenneth W. Fields
Registration No. 52,430
Attorney for Applicants

KWF/krq
Washington, D.C. 20006-1021
Telephone (202) 721-8200
Facsimile (202) 721-8250
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